

Converting Colors

$Yxy(71.9256, 0.2881, 0.3277)$

Have a look what the booklet for
Yxy(71.9256, 0.2881, 0.3277)
contains.

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Color

Yxy(71.6717, 0.2876, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	BFE3E5
RGB	191, 227, 229
RGB Percent	75%, 89%, 90%
CMY	0.2510, 0.1098, 0.1021
CMYK	0.17, 0.01, 0.00, 0.10
HSL	183°, 42%, 82%
HSV	183°, 17%, 90%
XYZ	63.0939, 71.6717, 84.6152
YIQ	216.4640, -22.0980, -7.0100

Conversions

Conversions Part 2

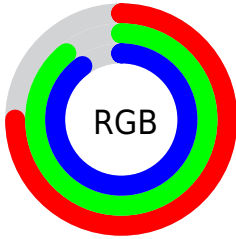
Format	Color
R _Y B	191, 209, 229
Decimal	12575717
CIE Lab	87.81, -11.29, -4.89
CIE LCh	88, 12.306, 203.430
Yxy	71.6717, 0.2876, 0.3267
Android (android.graphics.Color)	4290765797 (0xFFBFE3E5)
YUV	216.4640, 6.1802, -22.3319
Hunter-Lab	84.6591, -15.1228, 0.0022

Details

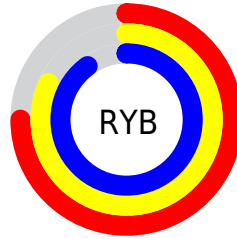
The Yxy color **71.6717, 0.2876, 0.3267** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5381, 0.3439, 0.3313**, and the grayscale version is **68.9711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **37.8794, 0.2814, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **68.2892, 0.2736, 0.3252**, and if you desaturate by 10%, it is **75.5287, 0.3025, 0.3281**.

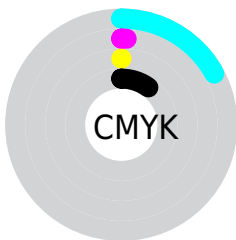
Distribution



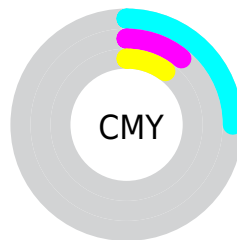
- Red (75%)
- Green (89%)
- Blue (90%)



- Red (75%)
- Yellow (82%)
- Blue (90%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6717, 0.2876, 0.3267 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 71.6717, 0.2876, 0.3267 by changing the saturation by 10% instead.

■ 71.6717, 0.2876,
0.3267

■ 71.6717, 0.2876,
0.3267

■ 466.3981, 0.2992,
0.3279

■ 52.8905, 0.2850,
0.3264

■ 121.5897, 0.2916,
0.3271

■ 37.7154, 0.2817,
0.3260

■ 153.4952, 0.2932,
0.3273

■ 25.7619, 0.2776,
0.3255

■ 190.5444, 0.2945,
0.3274

■ 16.6456, 0.2722,
0.3248

■ 233.1216, 0.2957,
0.3276

■ 9.9821, 0.2649,
0.3238

■ 281.6112, 0.2967,
0.3277

■ 5.3871, 0.2545,
0.3221

■ 336.3975, 0.2976,

■ 2.4761, 0.2382,

0.3277

0.3192

397.8650, 0.2985,
0.3278

0.8647, 0.2000,
0.3166

0.0000, 0.0000,
0.0000

71.6717, 0.2876,
0.3267

71.6717, 0.2876,
0.3267

68.2892, 0.2736,
0.3252

75.5287, 0.3025,
0.3281

65.3507, 0.2608,
0.3236

79.8713, 0.3181,
0.3294


62.8360, 0.2496,
0.3219


83.8209, 0.3307,
0.3306

60.7198, 0.2400,
0.3201


84.4840, 0.3305,
0.3318

 58.9740, 0.2324,
0.3184


 85.1516, 0.3304,
0.3330


 57.5669, 0.2266,
0.3166


 85.8237, 0.3303,
0.3341

 56.4615, 0.2228,
0.3149

 86.5003, 0.3301,
0.3353

 55.6106, 0.2207,
0.3132

 87.1814, 0.3300,
0.3364

 55.3513, 0.2202,
0.3126

 87.8671, 0.3299,
0.3376

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.6717, 0.2977, 0.3404



71.6717, 0.2876, 0.3267



71.6717, 0.2841, 0.3141

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6717, 0.2876, 0.3267



71.6717, 0.3129, 0.3084



71.6717, 0.3378, 0.3521

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



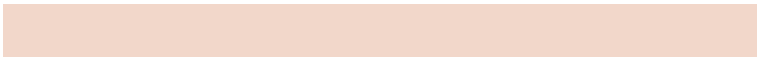
71.6717, 0.2876, 0.3267



58.5381, 0.3439, 0.3313

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6717, 0.3422, 0.3429



71.6717, 0.2876, 0.3267



71.6717, 0.3276, 0.3179

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6717, 0.2876, 0.3267



71.6717, 0.2985, 0.3039



71.6717, 0.3385, 0.3304



71.6717, 0.3267, 0.3552

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6717, 0.2876, 0.3267



71.6717, 0.2859, 0.3080



71.6717, 0.3385, 0.3304



71.6717, 0.3402, 0.3496

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.6747, 0.2876, 0.3267



97.2417, 0.3049, 0.3283



70.9447, 0.3094, 0.3714



20.7335, 0.3038, 0.3282



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6747, 0.2876, 0.3267



89.9069, 0.2825, 0.3262



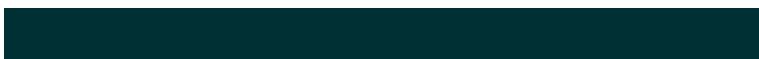
61.8859, 0.2866, 0.3047



16.2020, 0.2982, 0.3277



31.7122, 0.2202, 0.3129



2.3828, 0.2209, 0.3153

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.4612, 0.3161, 0.2901



71.4971, 0.3169, 0.2816



67.4438, 0.3405, 0.3521



14.6017, 0.3146, 0.3070



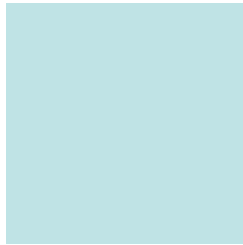
12.3991, 0.3343, 0.1615



0.9202, 0.3321, 0.1603

Previews

White Background



This preview shows how the Yxy color 71.6717, 0.2876, 0.3267 looks on a white background.

Color Contrast Check

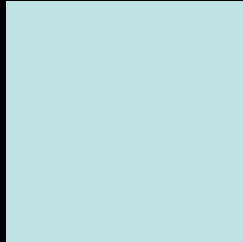
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.6717, 0.2876, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

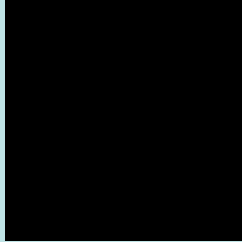
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

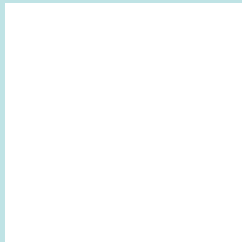
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6717, 0.2876, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 71.6717, 0.2876, 0.3267.

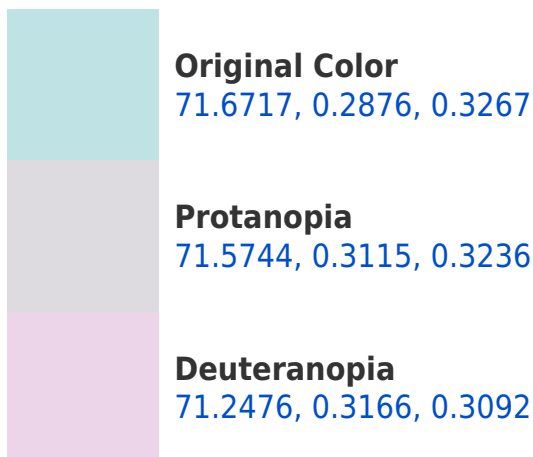


This preview shows how white text looks on a background with the Yxy color 71.6717, 0.2876, 0.3267.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

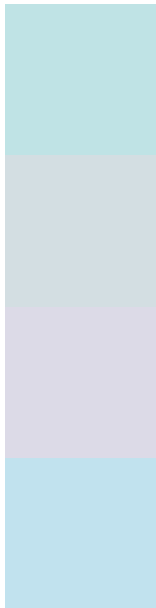




Tritanopia

71.7908, 0.2813, 0.3090

Trichromacy



Original Color

71.6717, 0.2876, 0.3267

Protanomaly

71.5824, 0.3025, 0.3246

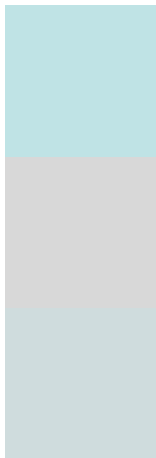
Deuteranomaly

71.1280, 0.3056, 0.3150

Tritanomaly

71.9032, 0.2836, 0.3155

Monochromacy



Original Color

71.6717, 0.2876, 0.3267

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6723, 0.3029, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6717, 0.2876, 0.3267 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 229) }
```

Border

The CSS property to change the border of an element to Yxy 71.6717, 0.2876, 0.3267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 227, 229) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(191, 227, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(191, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6717, 0.2876, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
227, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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